



Data Scientist, GS-13

Location: Fort Huachuca, AZ

POSITION DUTIES:

Serves as a Senior Data Scientist or Operations Research (OR) Analyst as either a team leader, team participant, or independent analyst with responsibility for conducting a wide variety of broad unclassified and classified up to and including TS/SCI (all caveats) analyses within the tactical and strategic Information Technology Environment (ITE). Applies the rigors of Data Science or OR to data analysis in Cyber, Information Technology and economic analyses of complex and potentially controversial Department of Defense (DoD) and Department of the Army (DA) major information technology systems and networks to ensure that data analysis, and justification from the command's planning and decision processes are accurately translated into reliable and defensible inputs to the Army's Planning, Programming, Budgeting, and Execution System (PPBES), for example, the Training Resource Model (TRM). Conducts cost/business analysis and establishes the Command cost position on ITE issues, projects, programs, and initiatives prior to their presentation outside the command. Provides technical assistance and consultation support using unclassified and classified information systems to the Headquarters, United States Army Network Enterprise technology Command(HQ, NETCOM) and its subordinate commands, DoD, DA, and Headquarters, Army Cyber Command (ARCYBER Command) on issues relating to the conduct of ITE data analyses. Requires routine and recurring access to Top Secret Sensitive Compartmented Information (SCI) materials, equipment, facilities and programs.

1. Performs project assignments characterized as highly unstructured and complex, having little definition or clarity (e.g., future/projected major information technology systems and networks designated by DoD and DA.) Process and policy guidelines are typically unavailable and research data are typically inadequate and unstructured. Defines the nature of the problem or clarifies issues through extensive coordination, research, and data collection. Systematically designs analytical approaches to organizing studies into segments and coordinating input from other sources such as subject matter experts from the problem's substantive area. Establishes projected completion dates, milestone schedules, methodologies or approaches, resource requirements, data sources, and activities. Expertly plans and defines the context, parameters, methodology, and structure of the analysis. Performs and reviews technical studies of resource management issues requiring the application of OR, computer science, mathematics, statistics, as well as simulation and modeling. Assures that all analyses performed or reviewed conform to the current Office of the Secretary of Defense (OSD) and DA guidance.

Approximately 50%

2. As a team leader for complete studies, the incumbent establishes objectives and analytical approaches for the study (e.g., determining analytical assumptions, deciding on methodology changes, determining the nature and scope of the problem.) Provides professional assistance, guidance, and work assignments to other analysts on the team. Assesses progress of the study efforts and redirects studies by implementing





new/supplementary techniques for unique situations. Responsible for the study's outcome (e.g., accuracy, consistency, thoroughness, valid interpretations, significance of findings.) Coordinates and reviews completed products for validity, correctness, and inclusion of all pertinent elements. Renders expert judgment concerning the credibility, responsiveness to directives/objectives, and soundness of OR models and other analytical techniques. Prepares reports and briefings that summarize results derived from documentation, assumptions, facts, and approaches. Coordinates completed studies and analyses with the headquarters staff and its subcommands, ARCYBER Command, MACOMs, HQDA, and other services or agencies as required.

Approximately 25%

- 3.** Provides staff assistance and policy guidance to NETCOM and its subcommands, HQDA, and ARCYBER Command. Coordinates specific data analysis for major information technology systems and networks as well as their associated personnel, logistical, and financial systems within NETCOM and other organizations. Provides authoritative interpretation of the Army's policies, directives, procedures, and implementation guidance for execution on programs within the ITE. Provides technical advice and assistance to NETCOM and subcommand personnel to include mathematical and statistical techniques. Maintains liaison with operations research personnel at other MACOMs, government agencies, and professional societies to facilitate the mutual exchange of new operation research techniques, methods, and factors. Furnishes expert technical guidance to lower-graded analysts concerning approaches, solutions, and methodologies in the OR arena.

Approximately 25%

Performs other duties as assigned.

Salary Range: \$95,648 - \$124,340 annually